

Converting Colors

XYZ(43.6014, 38.8524, 19.7727)

Have a look what the booklet for
XYZ(43.6014, 38.8524, 19.7727)
contains.

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Color

**XYZ(43.5038, 38.7762,
19.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	DC986D
RGB	220, 152, 109
RGB Percent	86%, 60%, 43%
CMY	0.1373, 0.4039, 0.5725
CMYK	0.00, 0.31, 0.50, 0.14
HSL	23°, 61%, 65%
HSV	23°, 50%, 86%
XYZ	43.5038, 38.7762, 19.6597
YIQ	167.4300, 54.3310, 1.0430

Conversions

Conversions Part 2

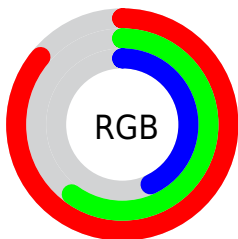
Format	Color
R_{YB}	220, 179, 109
Decimal	14456941
CIE Lab	68.59, 20.72, 32.80
CIE LCh	69, 38.800, 57.717
Yxy	38.7762, 0.4268, 0.3804
Android (android.graphics.Color)	4292647021 (0xFFDC986D)
YUV	167.4300, -28.8060, 46.1039
Hunter-Lab	62.2705, 15.7312, 24.8707

Details

The XYZ color **43.5038, 38.7762, 19.6597** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.9465, 39.8613, 73.5622**, and the grayscale version is **37.0589, 38.9889, 42.4589**.

A 20% lighter version of the original color is **69.9858, 68.4589, 43.2434**, and **20.3696, 17.3150, 6.5435** is the 20% darker color. If you saturate the color by 10%, you get **40.4001, 34.2329, 13.4955**, and if you desaturate by 10%, it is **47.1543, 43.9389, 27.4691**.

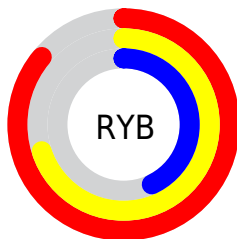
Distribution



Red (86%)

Green (60%)

Blue (43%)



Red (86%)

Yellow (70%)

Blue (43%)

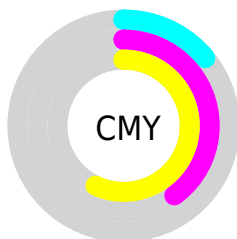


Cyan (0%)

Magenta (31%)

Yellow (50%)

Black (14%)



Cyan (14%)


Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5038, 38.7762, 19.6597 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.5038, 38.7762, 19.6597 by changing the saturation by 10% instead.


 43.5038, 38.7762,
19.6597


 43.5038, 38.7762,
19.6597


351.5661,
340.9381, 262.6099


 30.4768, 26.5857,
11.9663


 79.7215, 73.2963,
43.6973


 20.3507, 17.2623,
6.5985


 103.6430, 96.3947,
60.8787

 12.7599, 10.4217,
3.1377


 131.9267,
123.8978, 82.0597

 7.3393, 5.6794,
1.1654

 164.9380,
156.1900, 107.6591

 3.7234, 2.6511,
0.0000

203.0423,
193.6557, 138.0952

 1.5469, 0.9524,
0.0000

246.6048,

 0.3574, 0.0000,

236.6794, 173.7867

0.0000

295.9909,
285.6454, 215.1521

■ 0.0000, 0.0000,
0.0000

■ 43.5038, 38.7762,
19.6597

■ 43.5038, 38.7762,
19.6597

■ 40.4001, 34.2329,
13.4955

■ 47.1543, 43.9389,
27.4691

■ 37.8096, 30.2779,
8.8527

■ 51.3769, 49.7393,
37.0305

■ 35.6988, 26.8851,
5.5935

■ 56.1986, 56.2016,
48.4443

■ 34.0276, 24.0238,
3.5532

■ 61.6435, 63.3471,
61.8026

■ 32.7822, 21.7496,
2.4703

■ 67.7346, 71.1962,
77.1912

■ 74.4933, 79.7680,
94.6909

■ 80.6249, 88.5551,
107.4512

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.2835, 38.7762, 28.4075



43.5038, 38.7762, 19.6597



37.3263, 38.7762, 16.7079

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.5038, 38.7762, 19.6597



26.3048, 38.7762, 40.8925



42.6033, 38.7762, 79.6279

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.5038, 38.7762, 19.6597



34.9465, 39.8613, 73.5622

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.3889, 38.7762, 85.6342



43.5038, 38.7762, 19.6597



27.3901, 38.7762, 59.9124

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.5038, 38.7762, 19.6597



27.7765, 38.7762, 26.6593



30.9218, 38.7762, 77.5963



47.7245, 38.7762, 62.8967

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5038, 38.7762, 19.6597



33.3898, 38.7762, 17.5693



30.9218, 38.7762, 77.5963



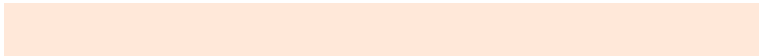
40.5534, 38.7762, 83.1409

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.5047, 38.7781, 19.6604



82.4674, 83.7277, 77.2898



42.9648, 29.3456, 45.2306



17.3083, 17.4702, 15.7035



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.5047, 38.7781, 19.6604



56.0351, 47.2123, 18.0770



54.6006, 60.9698, 23.3591



13.4676, 13.8746, 13.6938



19.3401, 12.9657, 1.4833



1.3350, 1.0041, 0.1235

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.9465, 39.8613, 73.5622



42.7008, 48.8098, 101.7784



26.1787, 22.3258, 70.6396



12.9993, 13.9383, 16.6574



12.7583, 13.3861, 41.6497



0.9092, 1.0325, 2.7258

Previews

White Background



This preview shows how the XYZ color 43.5038, 38.7762, 19.6597 looks on a white background.

Color Contrast Check

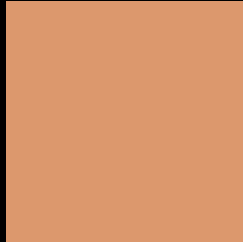
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.5038, 38.7762, 19.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

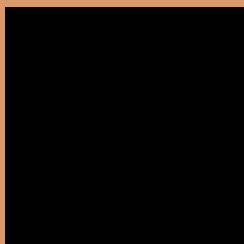
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5038, 38.7762, 19.6597

Background



This preview shows how black text looks on a background with the XYZ color 43.5038, 38.7762, 19.6597.



This preview shows how white text looks on a background with the XYZ color 43.5038, 38.7762,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.5038, 38.7762, 19.6597

Protanopia

36.1532, 39.0668, 21.8548

Deuteranopia

39.5818, 38.7597, 19.3051



Tritanopia

47.1052, 38.8394, 36.9123

Trichromacy



Original Color

43.5038, 38.7762, 19.6597

Protanomaly

38.4066, 38.6350, 21.0558

Deuteranomaly

41.0582, 38.7520, 19.5032

Tritanomaly

45.7550, 38.7612, 29.8811

Monochromacy



Original Color

43.5038, 38.7762, 19.6597

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.3583, 38.3551, 32.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5038, 38.7762, 19.6597 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 152, 109)` looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 152, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 109) }
```

Border

The CSS property to change the border of an element to XYZ 43.5038, 38.7762, 19.6597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 152, 109) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 152, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 152, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 152, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 152, 109);  
box-shadow:4px 4px 4px 4px rgb(220, 152,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5038, 38.7762, 19.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
152, 109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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